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## **Streamflow Forecast Summary: May 1, 2001**

(averages based on 1981-2010 reference period)

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
  - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
  - 3) Median value used in place of average

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Carson R at Ft Churchill				
APR-JUL	30	18%		167
MAY-JUL	16	12%		136
Ash Canyon Ck nr Carson City				

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	APR-JUL	12	35%	34
	MAY-JUL	6.4	29%	22
Humboldt R nr Elko				
	APR-JUL	48	31%	154
	MAY-JUL	32	27%	119
SF Humboldt R at Dixie				
	APR-JUL	36	53%	68
	MAY-JUL	30	50%	60
Humboldt R nr Carlin				
	APR-JUL	75	32%	238
	MAY-JUL	57	30%	189
Humboldt R at Palisades				
	APR-JUL	90	37%	245
	MAY-JUL	73	39%	188

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Forecast Exceedance Probabilities for Risk Assessment	
Chance that actual volume will exceed forecast	

Lower Humboldt River	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Rock Ck nr Battle Mtn								
	APR-JUL			8	40%			20
	MAY-JUL			3.3	37%			9
Humboldt R at Comus								
	APR-JUL			50	24%			209
	MAY-JUL			38	25%			154
L Humboldt R nr Paradise								
	APR-JUL			4.6	38%			12
	MAY-JUL			3	33%			9
Martin Ck nr Paradise								
	APR-JUL			6.7	37%			17.9
	MAY-JUL			4.4	35%			12.4
Humboldt R nr Imlay								

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Clover Valley & Franklin River	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Franklin Ck nr Arthur	APR-JUL			4.7	67%			7

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Snake River Basin	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Salmon Falls Ck nr San Jacinto	MAY-JUL			16.8	30%			56.8

MAY-SEP

19.6

32%

61.5

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<b>Owyhee River Basin</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Owyhee R nr Gold Ck <sup>2</sup>	MAY-JUL			3.5	29%			12
	MAY-SEP			3.3	29%			11.3

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<b>Eastern Nevada</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kingston Ck nr Austin	APR-JUL			2.8	72%			3.9
Lehman Ck nr Baker								
Cleve Ck nr Ely								
Steptoe Ck nr Ely	APR-JUL			2.4	83%			2.9

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<b>Lower Colorado River Basin</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Virgin R at Littlefield	APR-JUL			49	73%			67
Lake Powell Inflow <sup>2</sup>	APR-JUL			5600	72%			7735
Virgin R nr Hurricane	APR-JUL			51	71%			72

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